

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
 Data File : BF082146.D
 Acq On : 9 Oct 2015 15:36
 Operator : UM/IZ
 Sample : G3944-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5PT-COMPOSITE

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.051	251	255	263	rVB	780971	1491917	27.25%	1.842%
2	5.451	288	290	293	rBV	1726665	2666373	48.70%	3.292%
3	5.840	322	324	327	rVB2	37332	63275	1.16%	0.078%
4	6.366	368	370	375	rBV2	78532	133801	2.44%	0.165%
5	6.491	377	381	384	rBV	2252331	2875353	52.52%	3.550%
6	6.617	389	392	395	rVB	2354923	2762502	50.46%	3.411%
7	6.800	401	408	410	rBV4	68787	204082	3.73%	0.252%
8	6.846	410	412	415	rVB	497772	606828	11.08%	0.749%
9	6.903	415	417	419	rBV2	70015	88462	1.62%	0.109%
10	6.960	421	422	423	rBV	80660	70823	1.29%	0.087%
11	7.006	423	426	430	rVB	2123883	2207780	40.33%	2.726%
12	7.109	433	435	438	rVB3	89718	165410	3.02%	0.204%
13	7.200	441	443	445	rBV3	30912	74861	1.37%	0.092%
14	7.246	445	447	448	rBV	209510	274803	5.02%	0.339%
15	7.372	455	458	460	rBV3	125444	237493	4.34%	0.293%
16	7.417	460	462	466	rVV	1183158	1759201	32.13%	2.172%
17	7.486	466	468	470	rVB2	192062	293703	5.36%	0.363%
18	7.543	470	473	474	rBV	111955	127011	2.32%	0.157%
19	7.577	474	476	477	rBV2	49908	88787	1.62%	0.110%
20	7.623	477	480	482	rBV2	198093	440222	8.04%	0.544%
21	7.657	482	483	484	rVB	363868	249613	4.56%	0.308%
22	7.726	487	489	491	rBV2	282683	353053	6.45%	0.436%
23	7.772	491	493	496	rVB2	559254	622634	11.37%	0.769%
24	7.840	496	499	501	rBV4	87611	203497	3.72%	0.251%
25	7.897	501	504	506	rBV3	89025	214103	3.91%	0.264%
26	7.954	506	509	512	rBV3	202194	419978	7.67%	0.519%
27	8.012	512	514	515	rBV2	176450	252116	4.61%	0.311%
28	8.080	518	520	521	rBV	159363	164399	3.00%	0.203%
29	8.137	521	525	528	rBV2	988313	1405616	25.67%	1.736%
30	8.194	528	530	531	rBV2	200070	279175	5.10%	0.345%
31	8.297	537	539	541	rBV2	152159	328164	5.99%	0.405%
32	8.423	547	550	554	rBV6	290296	871014	15.91%	1.076%
33	8.480	554	555	557	rVV2	233096	248573	4.54%	0.307%
34	8.526	557	559	560	rVB	179071	224844	4.11%	0.278%

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35	8.560	560	562	563 rBV	1083603	1443762	26.37%	1.783%
36	8.640	567	569	570 rBV	119668	156759	2.86%	0.194%
37	8.686	570	573	575 rBV3	275158	563311	10.29%	0.696%
38	8.766	577	580	583 rBV4	295109	832195	15.20%	1.028%
39	8.823	583	585	587 rVB2	478149	653267	11.93%	0.807%
40	8.880	589	590	592 rBV2	367783	475791	8.69%	0.587%
41	8.915	592	593	597 rVV3	301364	685696	12.52%	0.847%
42	8.983	597	599	601 rBV2	305795	482581	8.81%	0.596%
43	9.097	607	609	610 rBV2	265856	371040	6.78%	0.458%
44	9.132	610	612	613 rVV2	479091	539231	9.85%	0.666%
45	9.166	613	615	617 rVV	1230822	1345034	24.57%	1.661%
46	9.223	617	620	622 rVB	2317370	3130154	57.17%	3.865%
47	9.292	624	626	629 rBV3	878955	1426599	26.06%	1.762%
48	9.349	629	631	634 rBV4	351990	917430	16.76%	1.133%
49	9.497	642	644	645 rBV	372604	445012	8.13%	0.549%
50	9.532	645	647	648 rVV	248634	226472	4.14%	0.280%
51	9.612	651	654	657 rBV2	3231141	5474818	100.00%	6.760%
52	9.772	665	668	669 rBV	1334117	2145056	39.18%	2.649%
53	9.818	669	672	673 rVV	2101128	2860090	52.24%	3.532%
54	9.852	673	675	676 rVV	429215	563709	10.30%	0.696%
55	9.886	676	678	681 rVV3	1102731	2354086	43.00%	2.907%
56	9.943	681	683	687 rVB3	653687	1364632	24.93%	1.685%
57	10.012	687	689	691 rBV2	432187	441015	8.06%	0.545%
58	10.046	691	692	695 rBV2	471226	716536	13.09%	0.885%
59	10.160	700	702	705 rVB3	576792	1148097	20.97%	1.418%
60	10.218	705	707	710 rBV3	894026	1677865	30.65%	2.072%
61	10.275	710	712	713 rVV	551884	727399	13.29%	0.898%
62	10.309	713	715	718 rVV3	1122824	1887707	34.48%	2.331%
63	10.366	718	720	722 rVV3	451981	853308	15.59%	1.054%
64	10.446	725	727	730 rVV2	673106	847382	15.48%	1.046%
65	10.549	734	736	739 rVV2	572704	1076850	19.67%	1.330%
66	10.606	739	741	744 rVB3	363900	422593	7.72%	0.522%
67	10.698	746	749	754 rVB4	1638893	3039590	55.52%	3.753%
68	10.823	757	760	763 rVB2	2023685	3176262	58.02%	3.922%
69	10.892	764	766	767 rBV	452539	344910	6.30%	0.426%
70	10.995	773	775	776 rBV	273139	308107	5.63%	0.380%
71	11.029	776	778	784 rVB4	589778	1459960	26.67%	1.803%

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72	11.132	785	787	791	rVB4	546362	880661	16.09%	1.087%
73	11.281	798	800	803	rVB2	860218	1126831	20.58%	1.391%
74	11.395	808	810	812	rBV	757893	944569	17.25%	1.166%
75	11.498	817	819	822	rBV2	271589	661504	12.08%	0.817%
76	11.623	828	830	833	rBV3	278728	490787	8.96%	0.606%
77	11.921	853	856	858	rVB3	311935	509617	9.31%	0.629%
78	12.606	914	916	922	rVB2	131770	181001	3.31%	0.223%
79	12.789	930	932	934	rVB2	135831	134630	2.46%	0.166%
80	12.972	946	948	951	rVB	2402598	3145514	57.45%	3.884%
81	13.498	992	994	995	rVV	62282	77118	1.41%	0.095%
82	13.532	995	997	1002	rVB3	30254	71177	1.30%	0.088%
83	13.864	1023	1026	1032	rVB	334353	506688	9.25%	0.626%
84	14.024	1037	1040	1048	rVV	927444	1070209	19.55%	1.321%
85	14.184	1052	1054	1059	rVB	43273	55669	1.02%	0.069%
86	14.492	1078	1081	1083	rBV2	55906	77135	1.41%	0.095%
87	14.778	1103	1106	1119	rBV	858114	1137312	20.77%	1.404%
88	15.464	1163	1166	1179	rVB	546160	800367	14.62%	0.988%
89	15.955	1206	1209	1213	rVB2	30926	61269	1.12%	0.076%

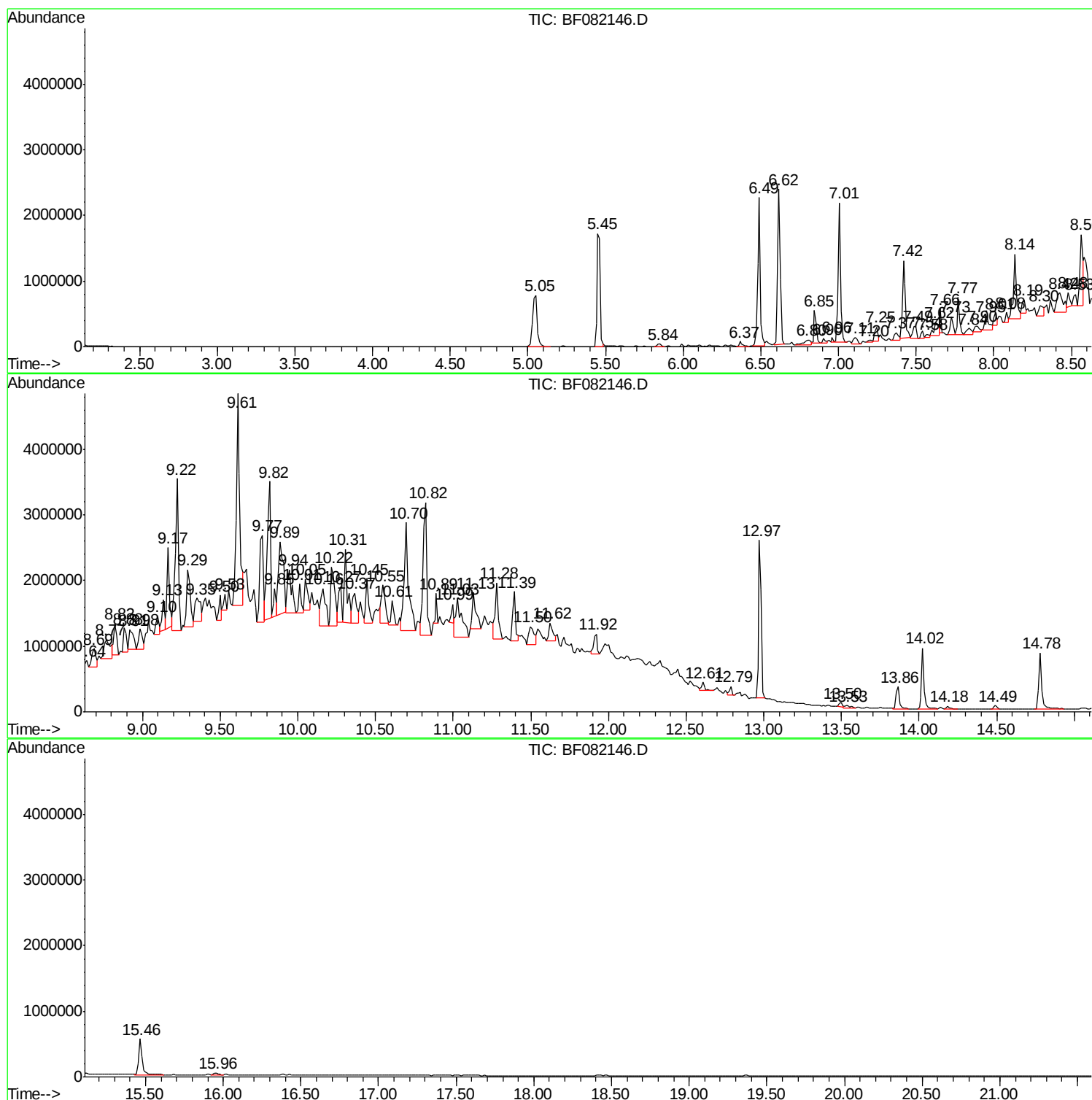
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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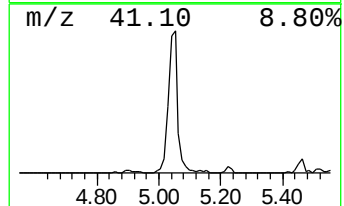
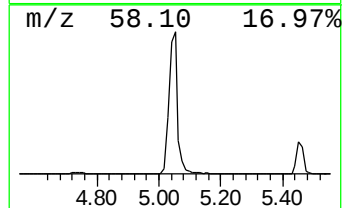
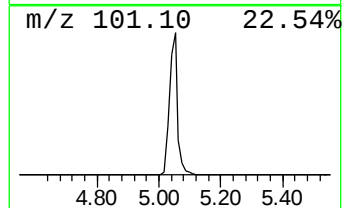
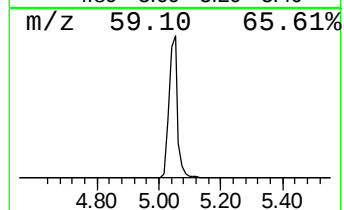
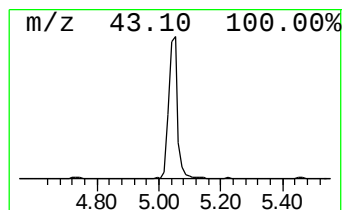
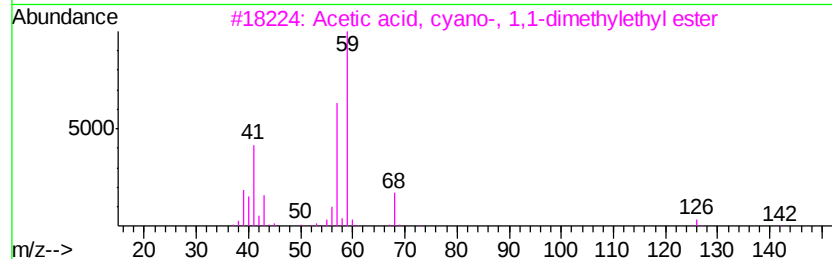
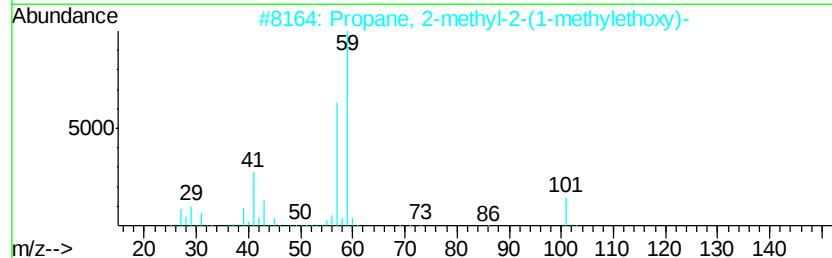
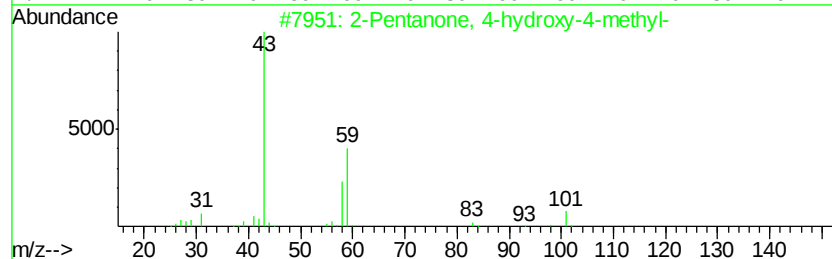
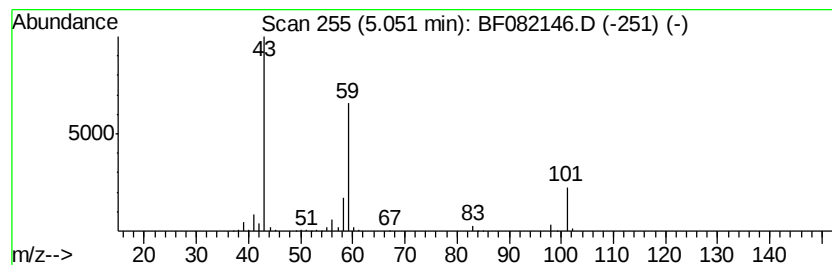
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	49.17 ng	1491920	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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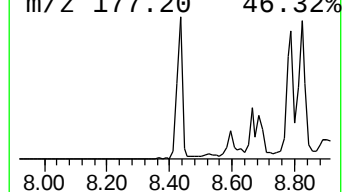
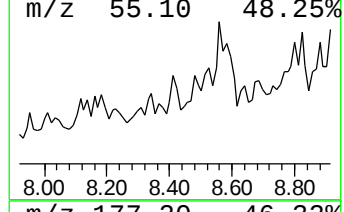
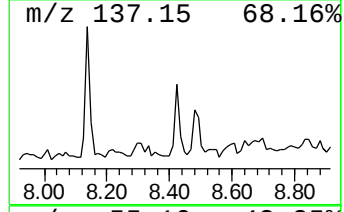
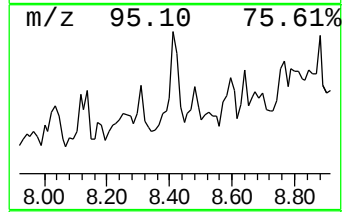
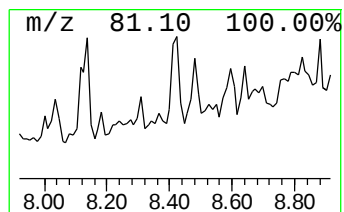
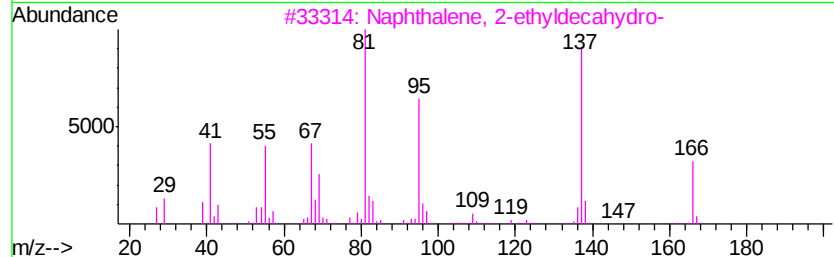
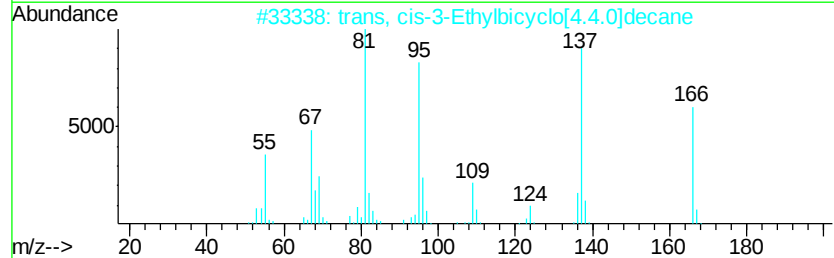
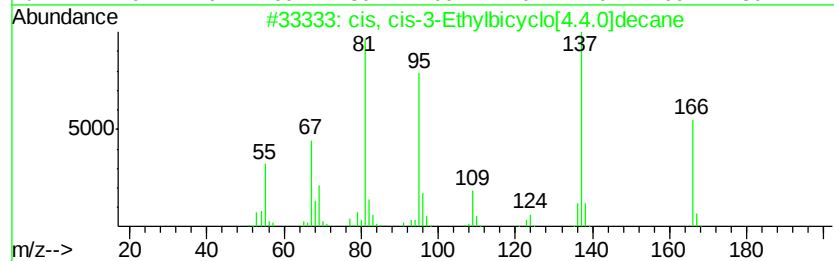
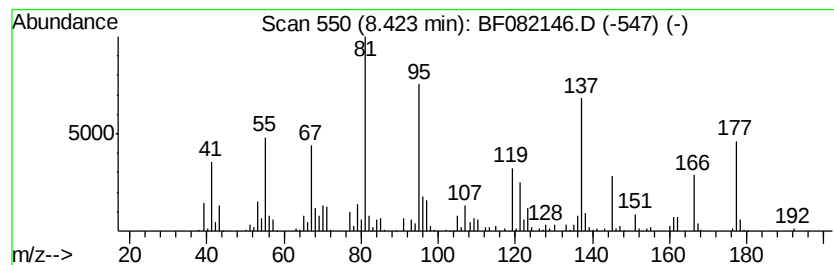
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 cis, cis-3-Ethylbicyclo[4.4.0]de... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	12.39 ng	871014	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	89
2		trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	76
3		Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	76
4		trans,trans-3-Ethylbicyclo[4.4.0]...	166	C12H22	058462-32-1	76
5		cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	76



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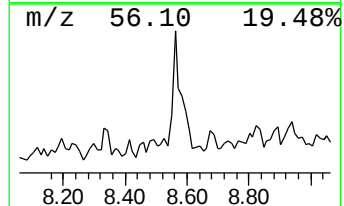
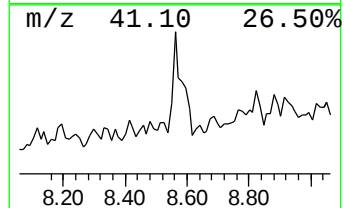
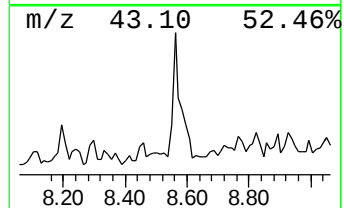
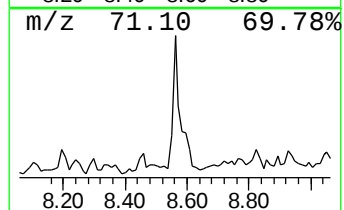
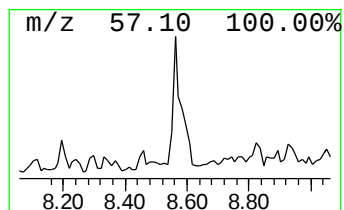
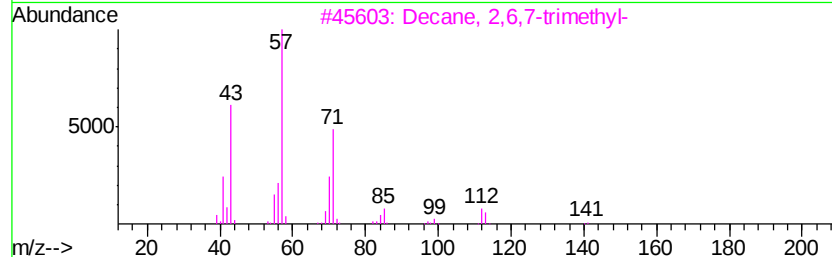
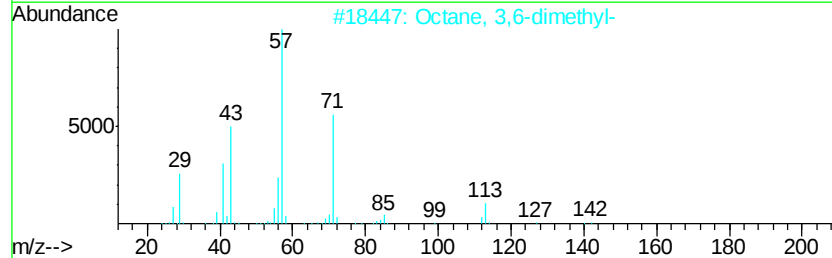
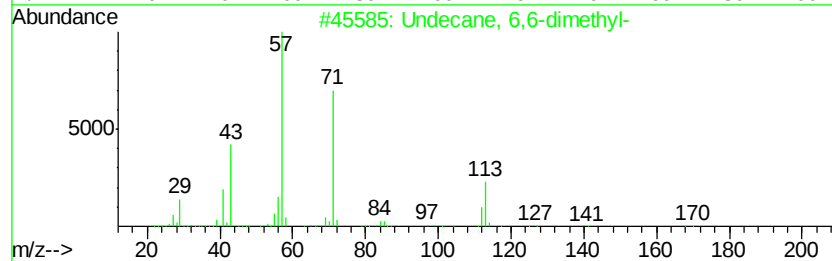
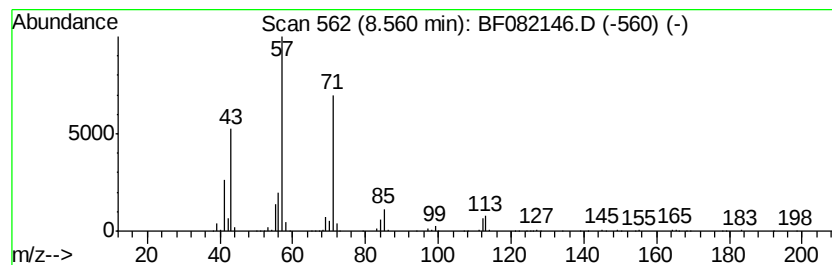
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Undecane, 6,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	20.54 ng	1443760	Napthalene-d8	8.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	78	
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72	
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	72	
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72	
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64	



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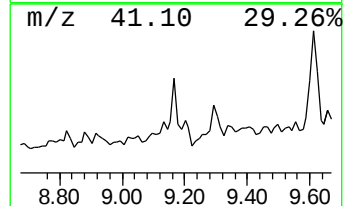
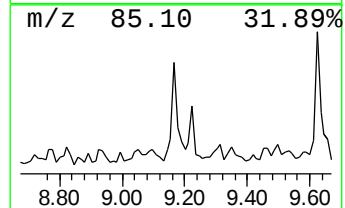
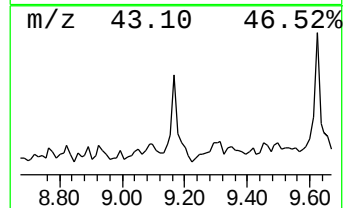
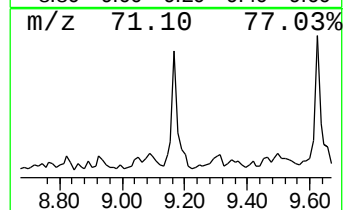
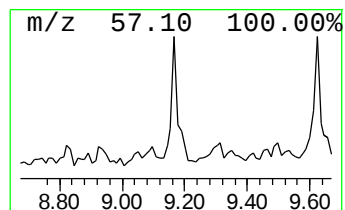
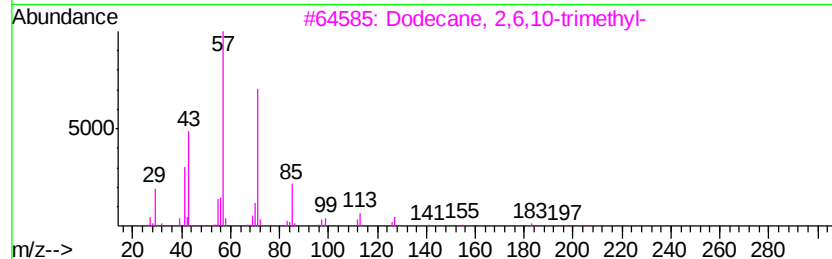
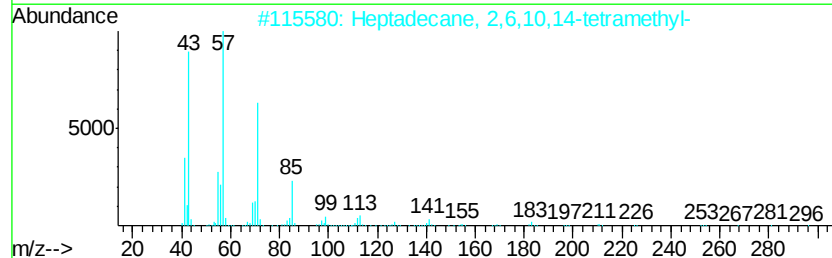
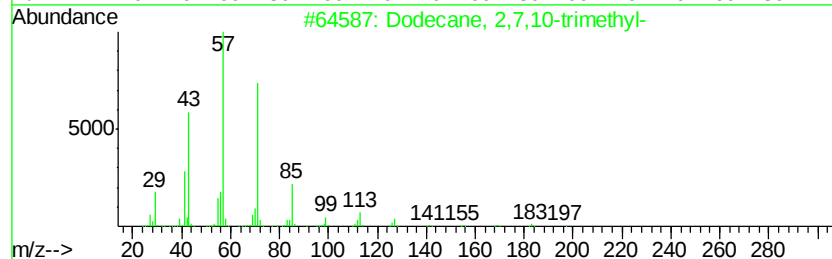
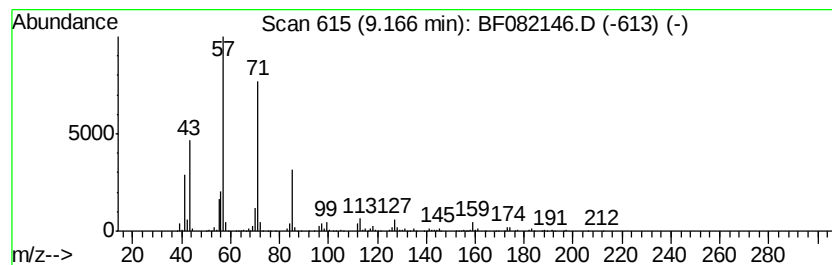
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	11.43 ng	1345030	Acenaphthene-d10	9.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	90
2	Heptadecane, 2,6,10,14-tetramethyl-	296 C21H44	018344-37-1	83
3	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	78
5	Pentadecane, 2,6,10,14-tetramethyl-	268 C19H40	001921-70-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082146.D
Acq On : 9 Oct 2015 15:36
Operator : UM/IZ
Sample : G3944-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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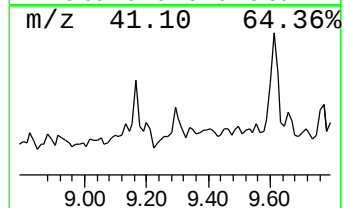
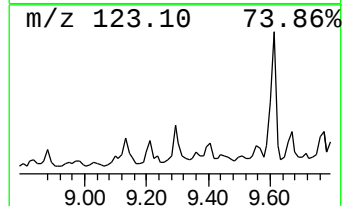
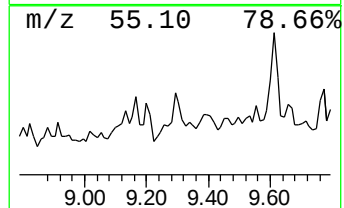
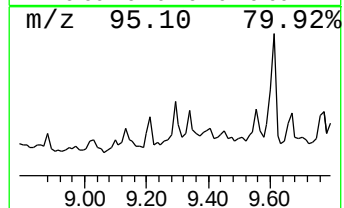
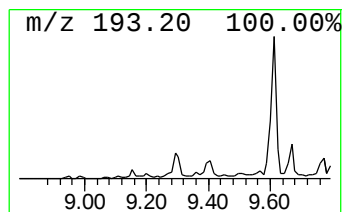
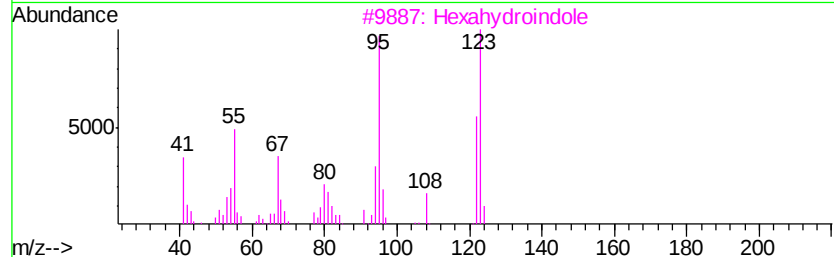
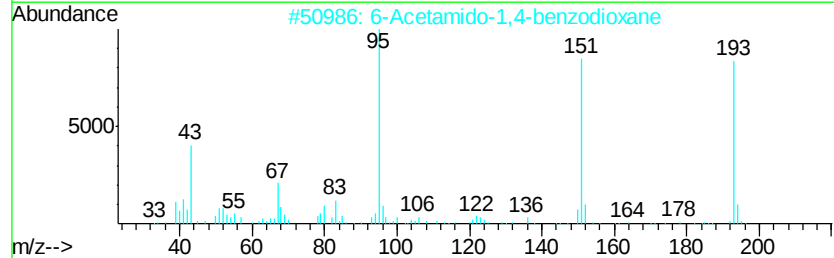
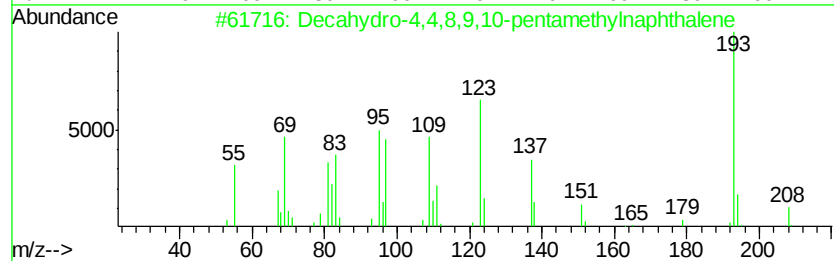
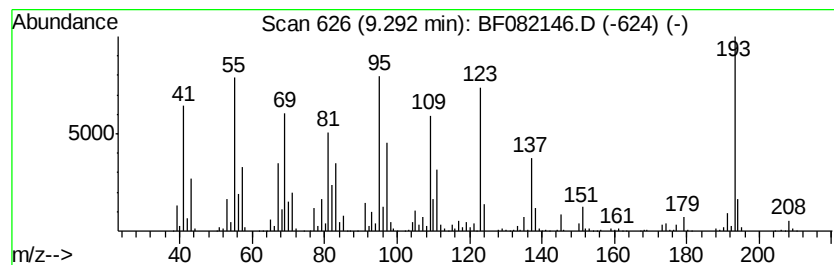
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Decahydro-4,4,8,9,10-pentam... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	12.12 ng	1426600	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	87
2		6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	38
3		Hexahydroindole	123	C8H13N	018159-32-5	30
4		Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	25
5		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082146.D
Acq On : 9 Oct 2015 15:36
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Misc :
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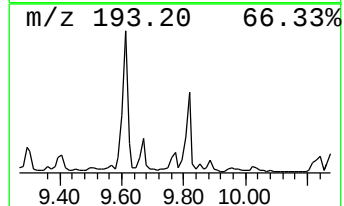
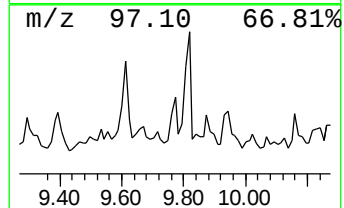
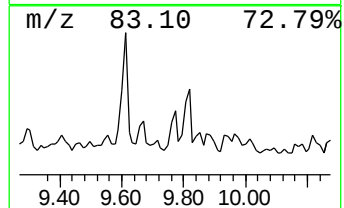
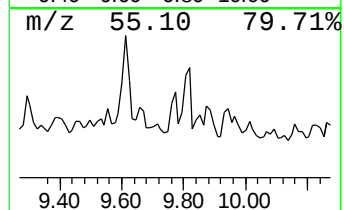
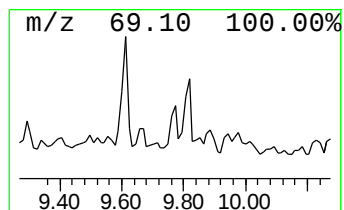
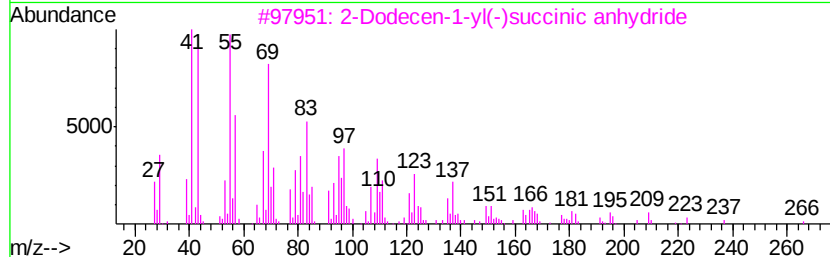
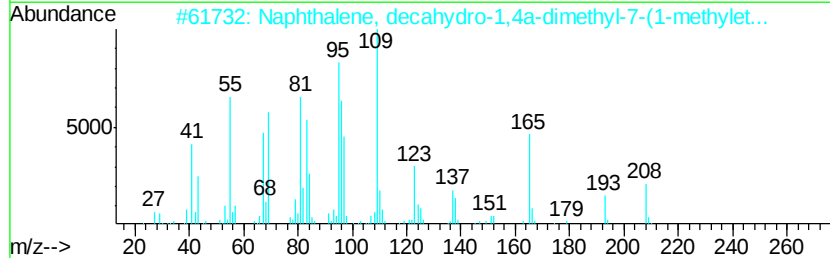
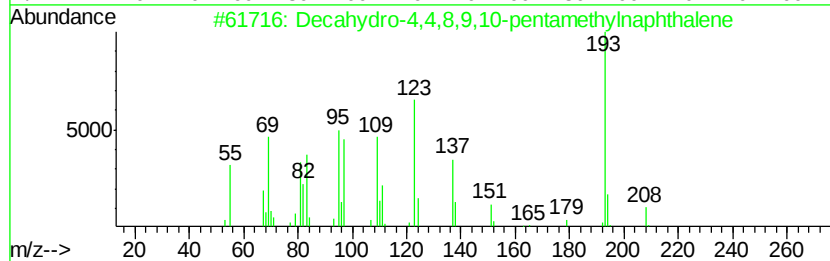
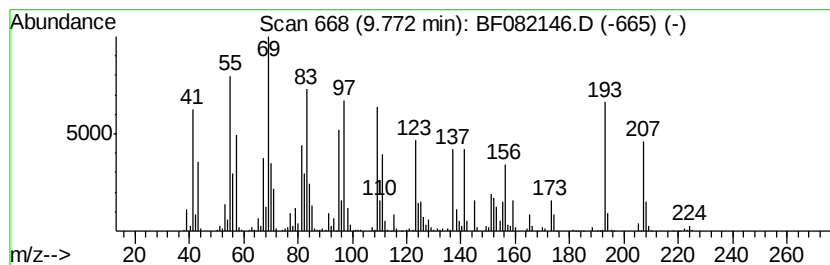
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown9.77 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	18.22 ng	2145060	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	46
2		Naphthalene, decahydro-1,4a-dime...	208	C15H28	030824-81-8	38
3		2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	38
4		1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	35
5		Cyclododecanemethanol	198	C13H26O	001892-12-2	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082146.D
Acq On : 9 Oct 2015 15:36
Operator : UM/IZ
Sample : G3944-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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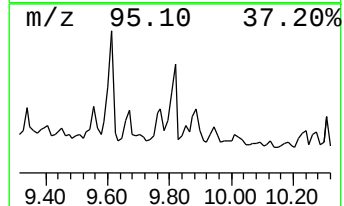
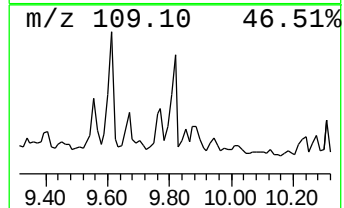
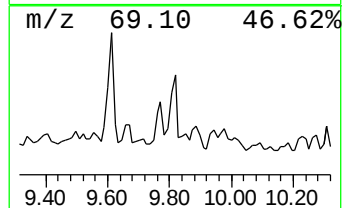
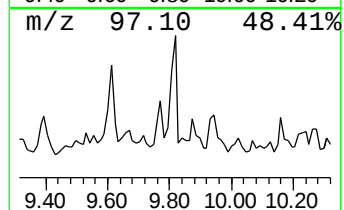
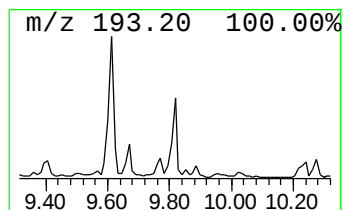
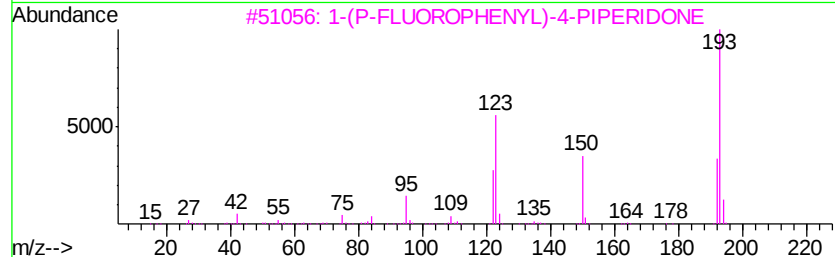
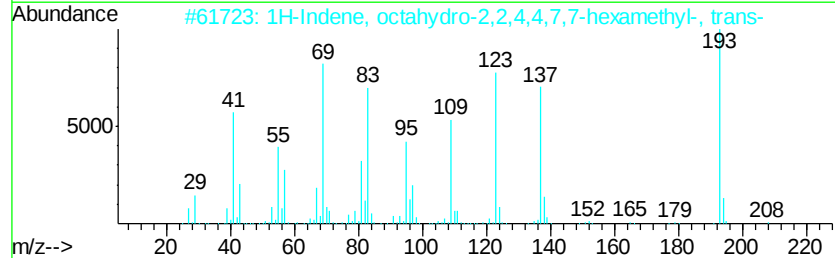
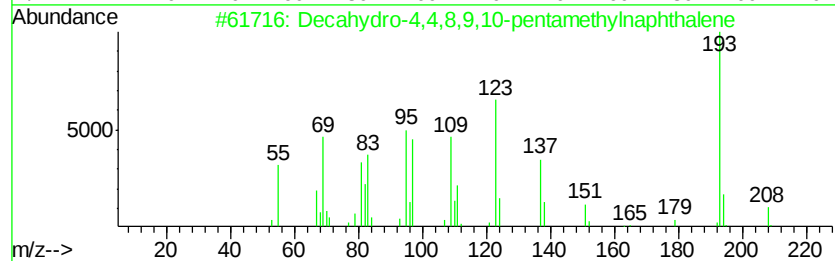
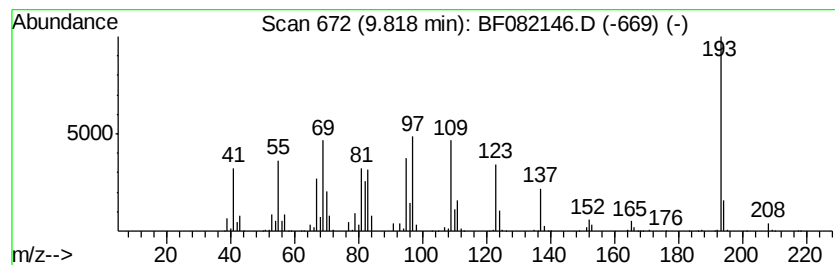
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown9.82 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	24.30 ng	2860090	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	50
2		1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
3		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	37
4		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	36
5		Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082146.D
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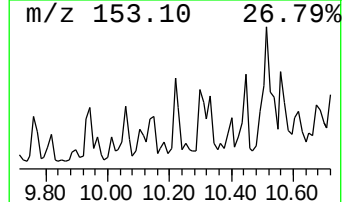
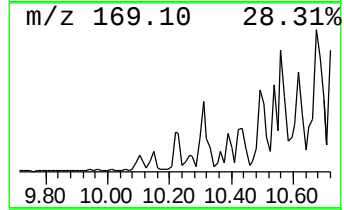
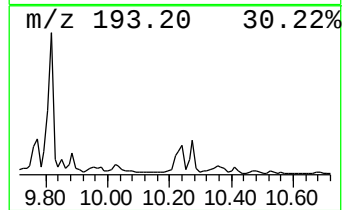
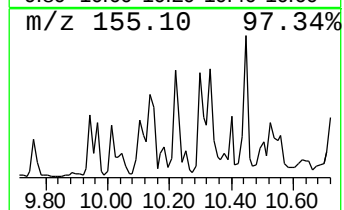
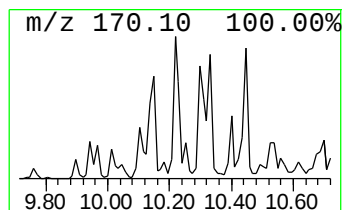
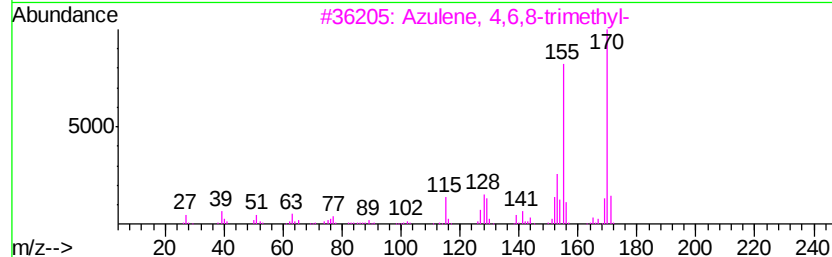
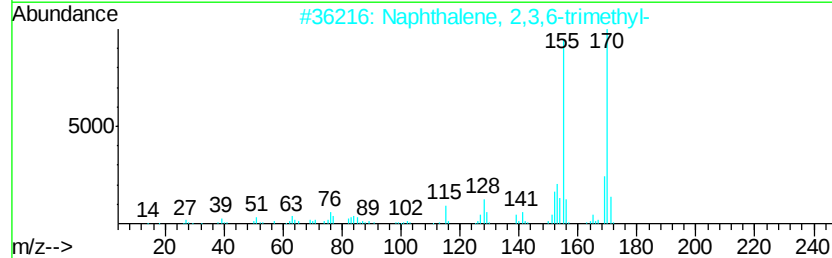
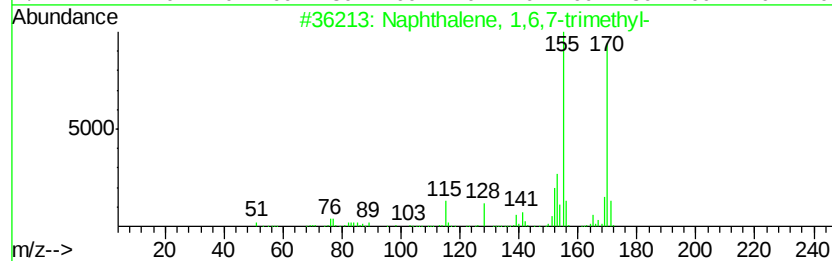
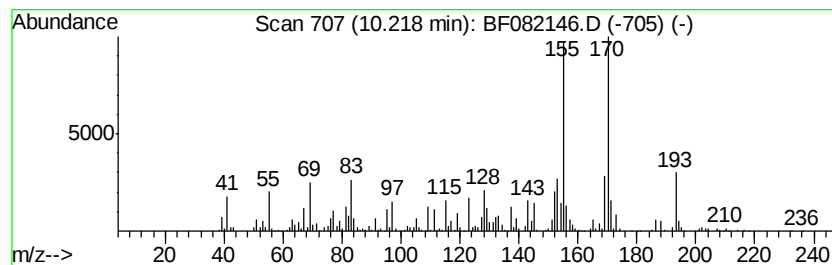
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	14.25 ng	1677870	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082146.D
Acq On : 9 Oct 2015 15:36
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Misc :
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Instrument :
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ClientSampleId :
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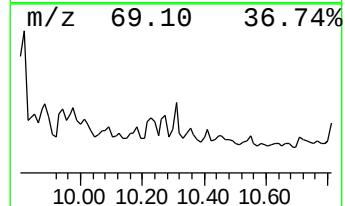
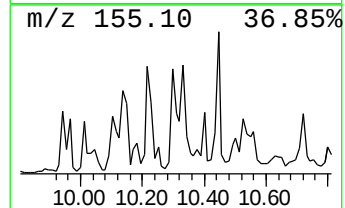
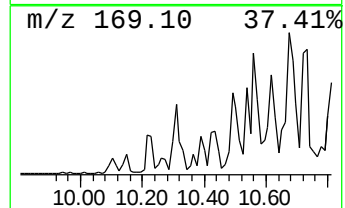
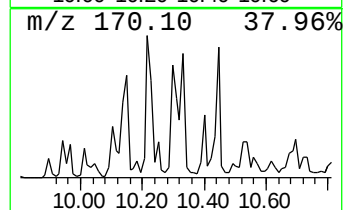
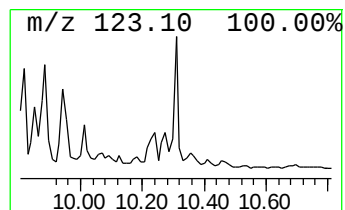
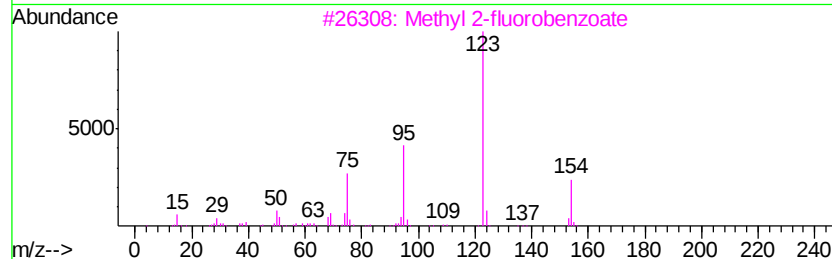
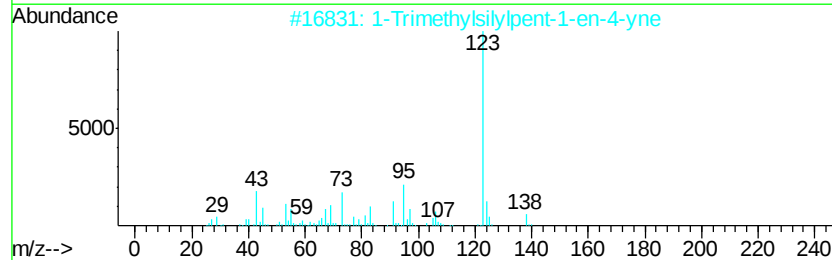
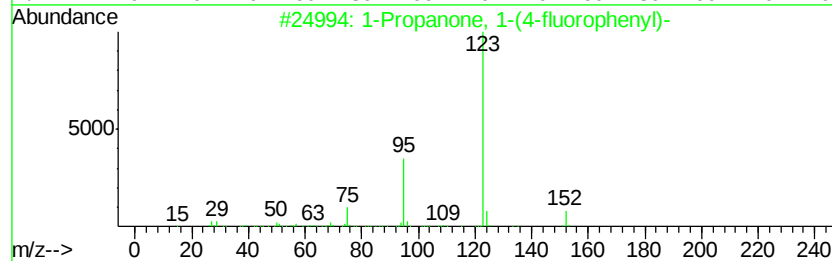
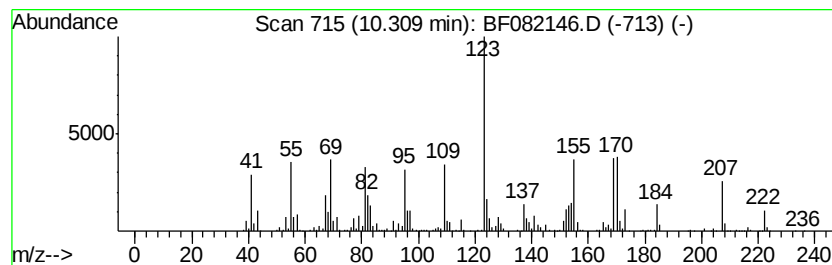
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown10.31 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	16.04 ng	1887710	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propanone, 1-(4-fluorophenyl)-	152	C9H9FO	000456-03-1	38
2		1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	38
3		Methyl 2-fluorobenzoate	154	C8H7FO2	000394-35-4	38
4		Benzamide, 2-fluoro-6-methoxy-	169	C8H8FN02	1000262-26-0	35
5		3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082146.D
Acq On : 9 Oct 2015 15:36
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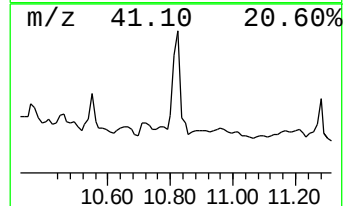
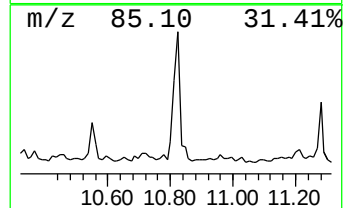
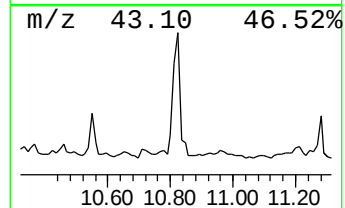
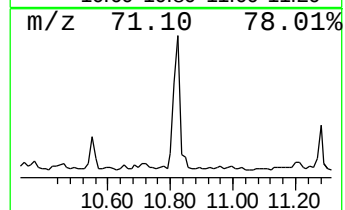
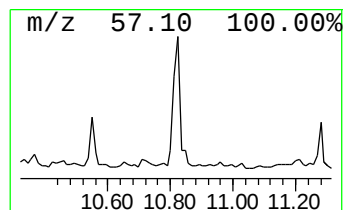
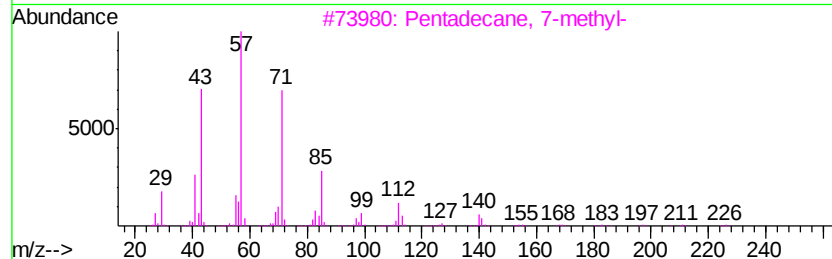
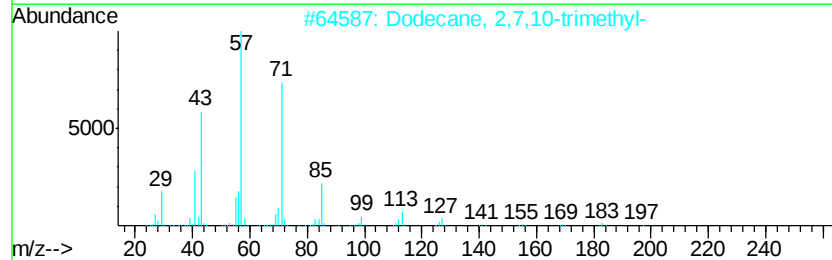
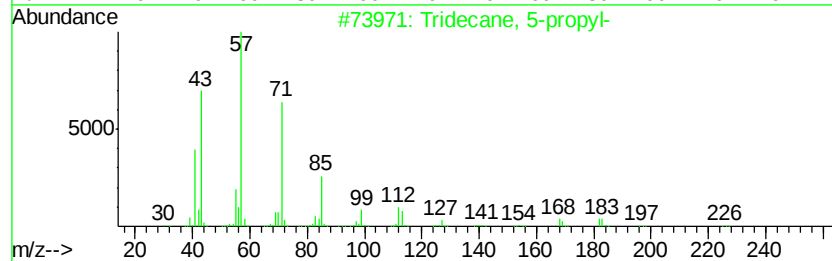
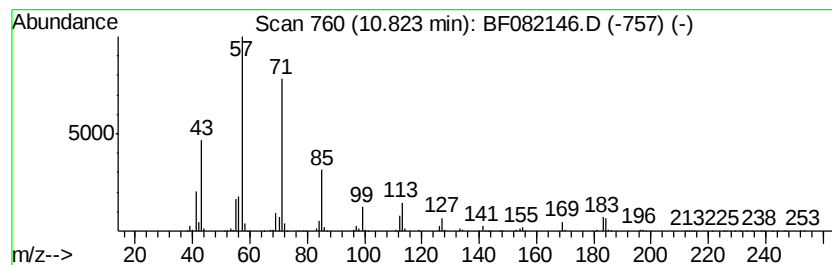
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	67.25 ng	3176260	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76
4		Hexadecane	226	C16H34	000544-76-3	60
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082146.D
Acq On : 9 Oct 2015 15:36
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Sample : G3944-02
Misc :
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ClientSampleId :
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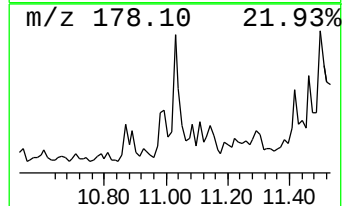
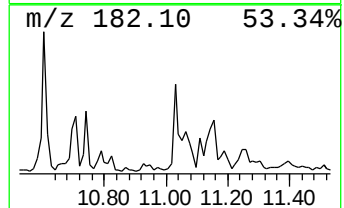
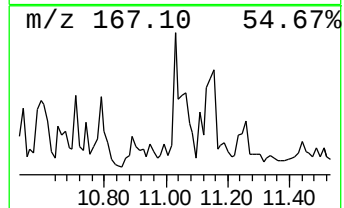
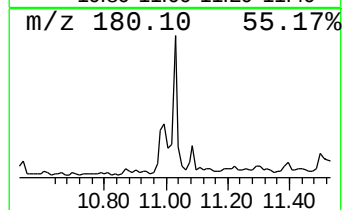
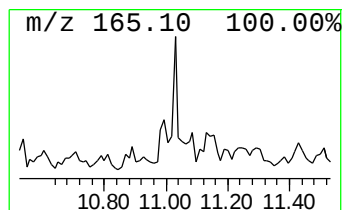
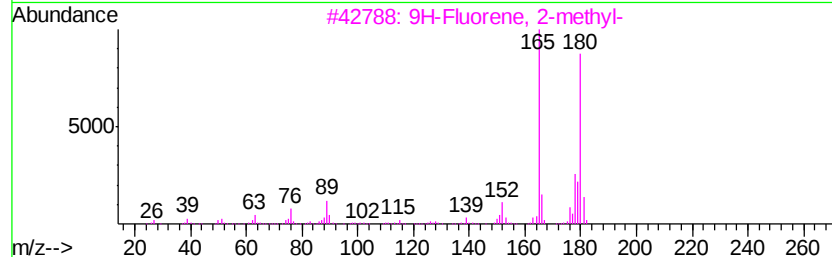
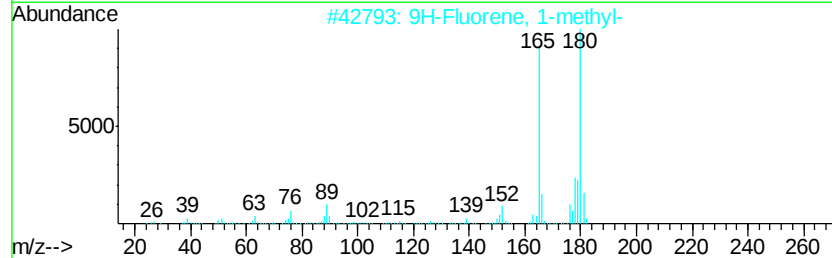
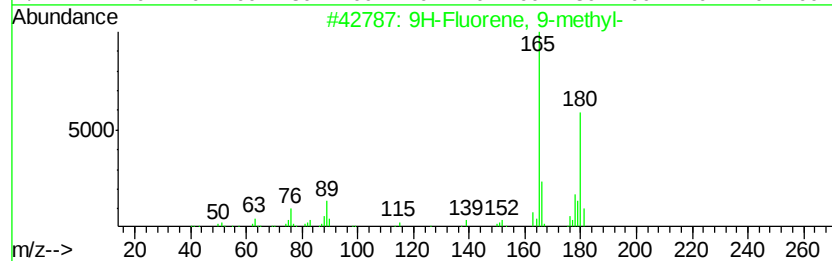
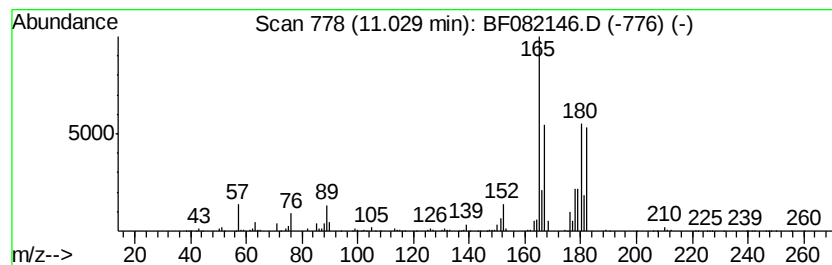
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 9H-Fluorene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	30.91 ng	1459960	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	55
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	49
5		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
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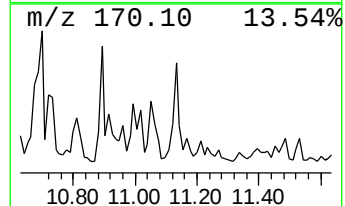
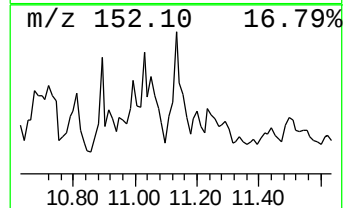
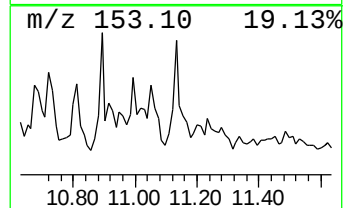
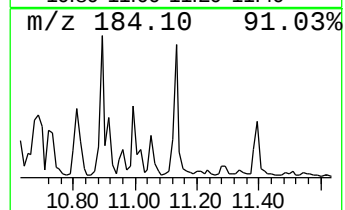
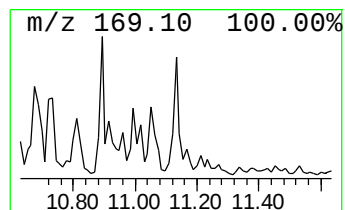
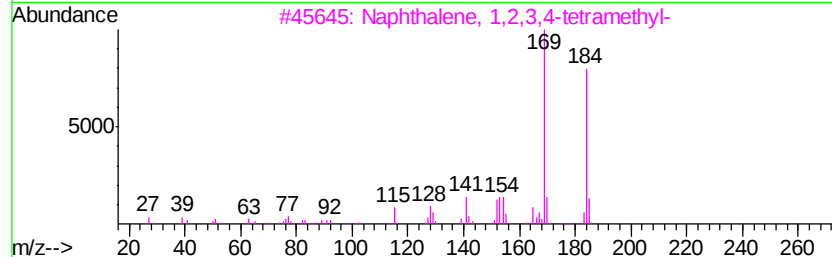
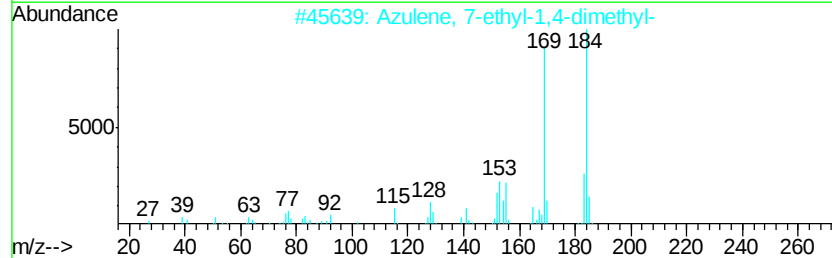
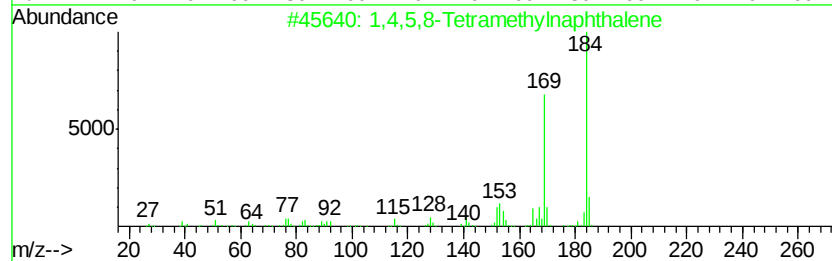
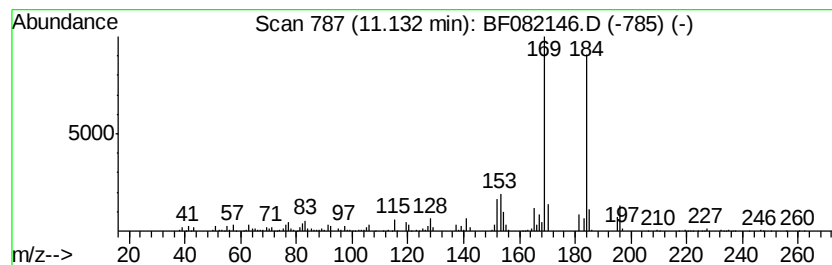
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1,4,5,8-Tetramethylnaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	18.65 ng	880661	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	93
2		Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	93
3		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	64
4		3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	64
5		2,4,6(1H,3H,5H)-Pyrimidinetrione...	254	C13H22N2O3	028239-47-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082146.D
Acq On : 9 Oct 2015 15:36
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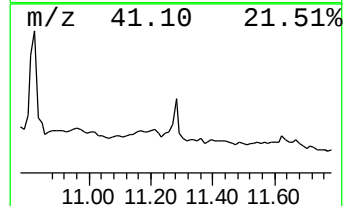
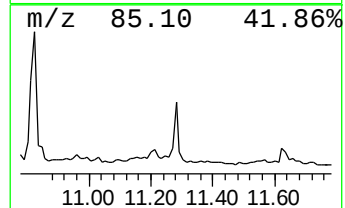
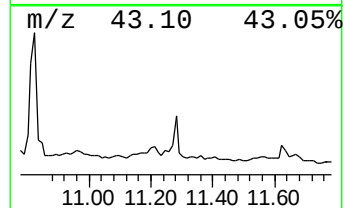
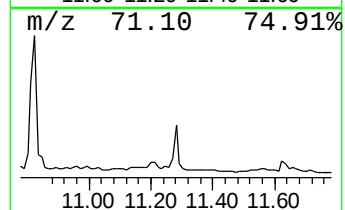
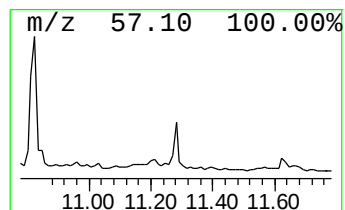
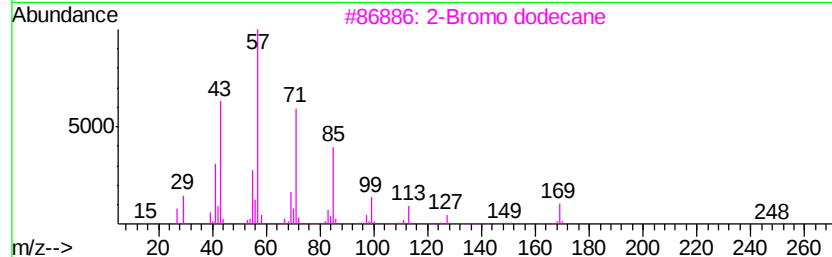
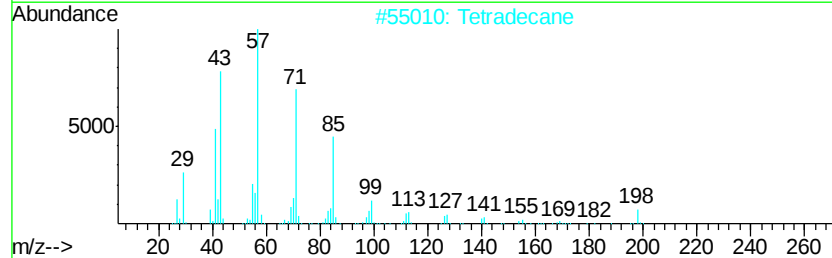
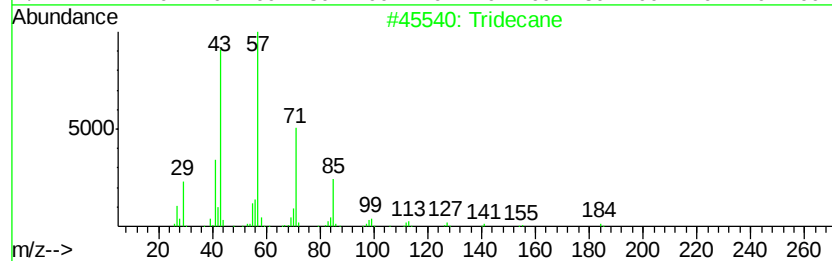
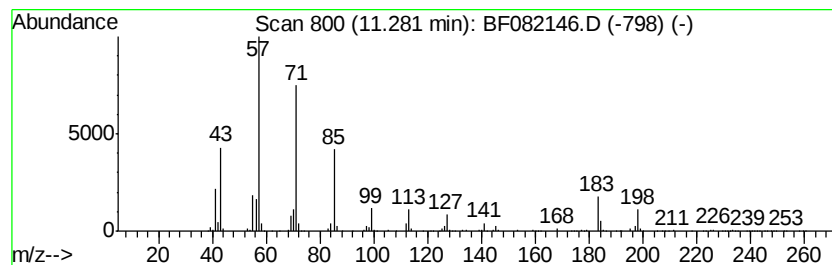
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	23.86 ng	1126830	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Tetradecane	198	C14H30	000629-59-4	90
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	81
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5		Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
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Acq On : 9 Oct 2015 15:36
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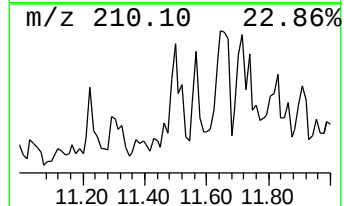
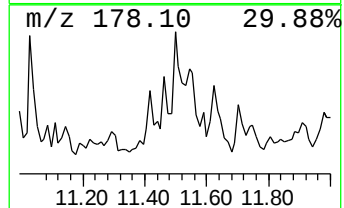
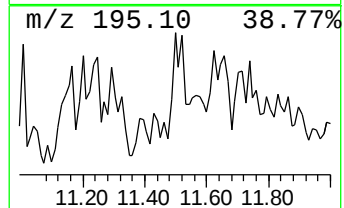
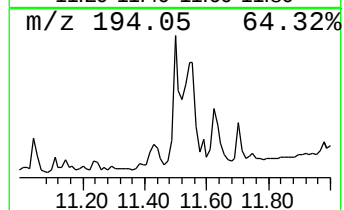
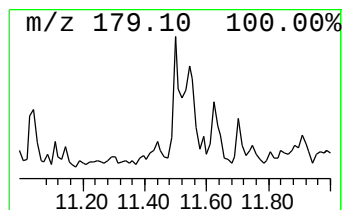
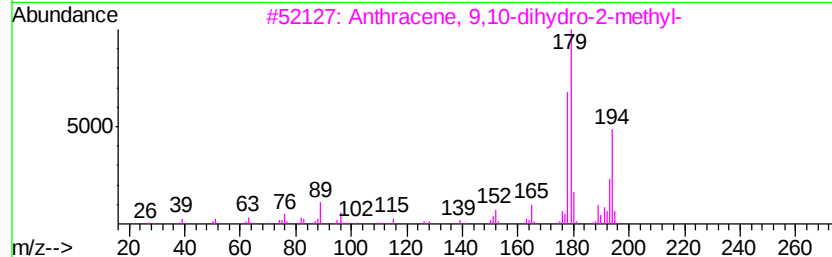
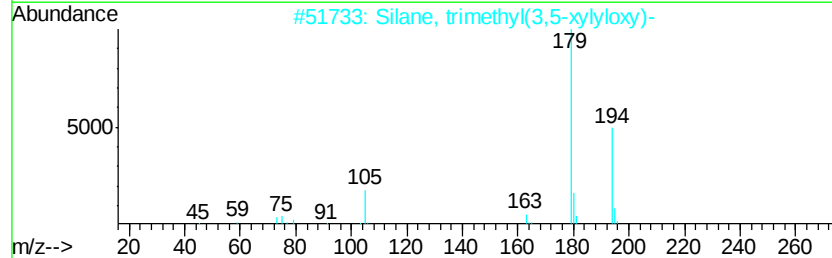
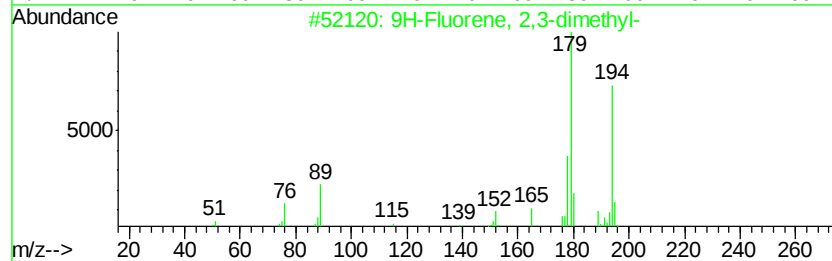
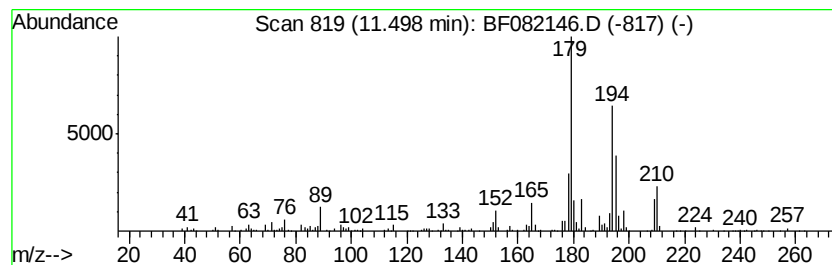
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 9H-Fluorene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	14.01 ng	661504	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	58
2		Silane, trimethyl(3,5-xylyloxy)-	194	C11H18OSi	017994-05-7	46
3		Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	45
4		Benzene, 1-methyl-3-(2-phenyleth...	194	C15H14	014064-48-3	43
5		Stilbene, .alpha.-methyl-, (E)-	194	C15H14	000833-81-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
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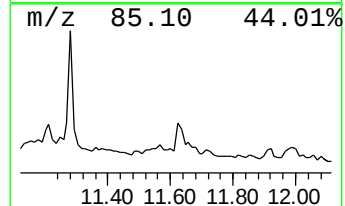
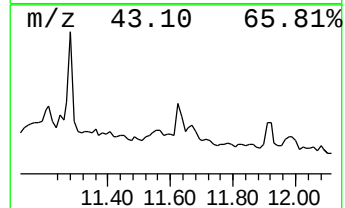
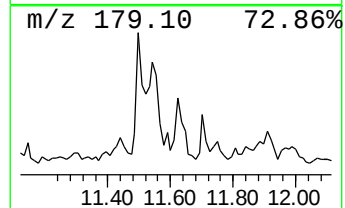
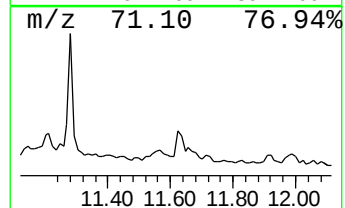
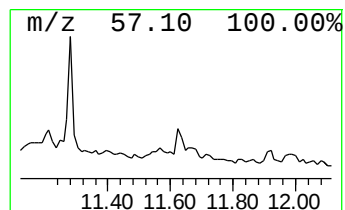
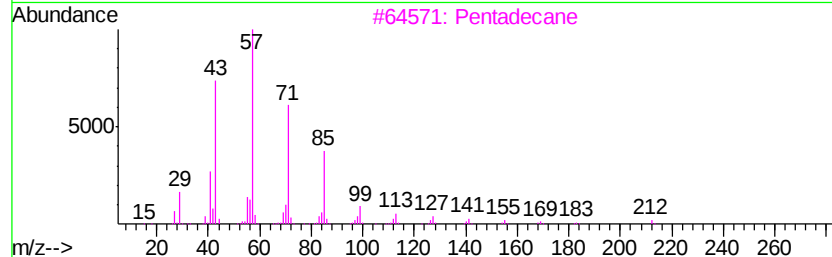
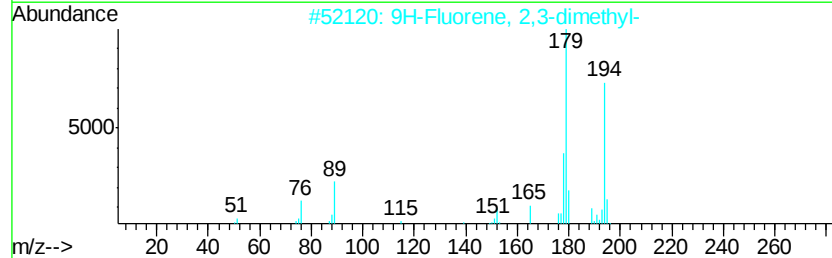
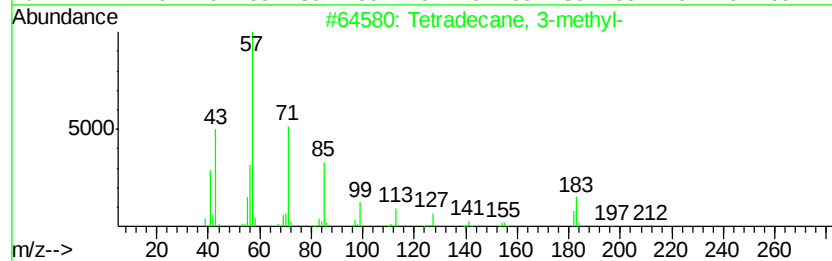
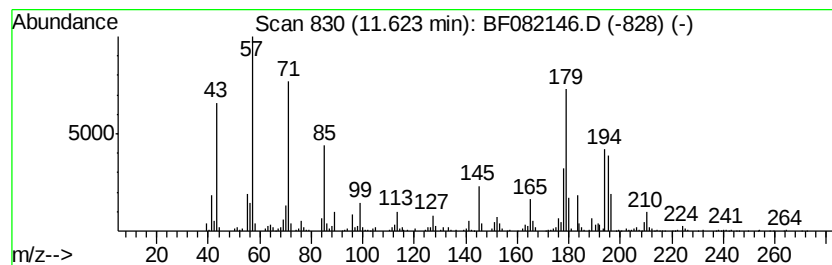
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Tetradecane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.62	10.39 ng	490787	Phenanthrene-d10	11.39		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	56
2		9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	49
3		Pentadecane	212	C15H32	000629-62-9	47
4		Tridecane	184	C13H28	000629-50-5	38
5		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
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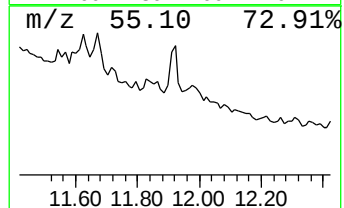
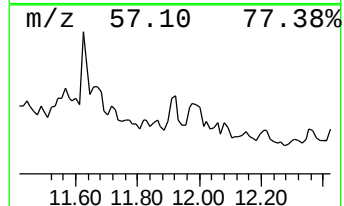
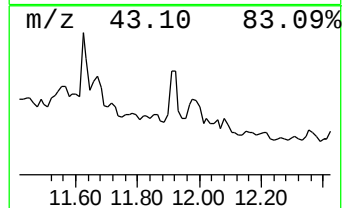
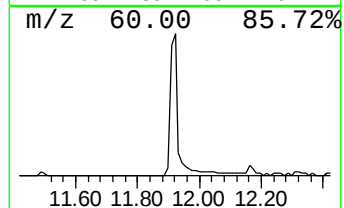
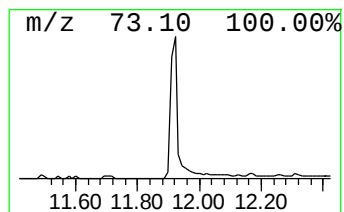
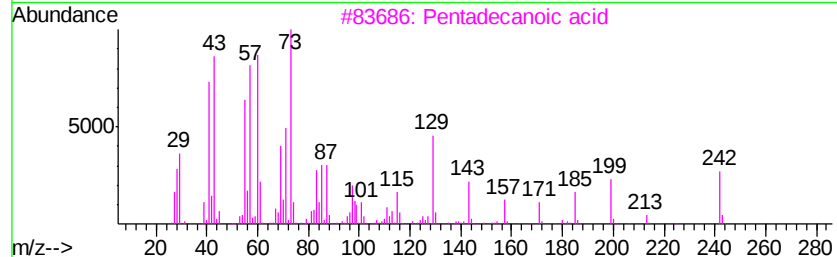
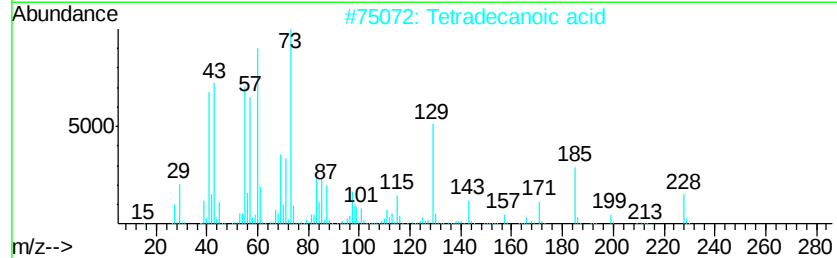
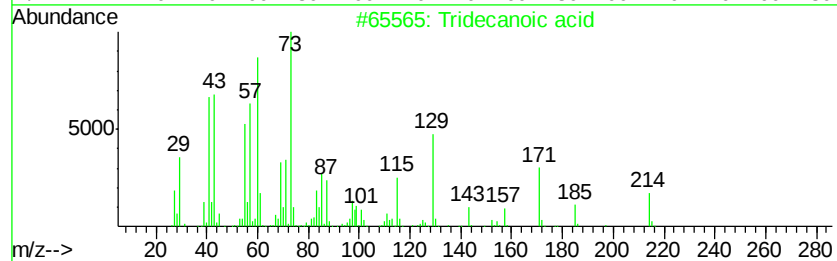
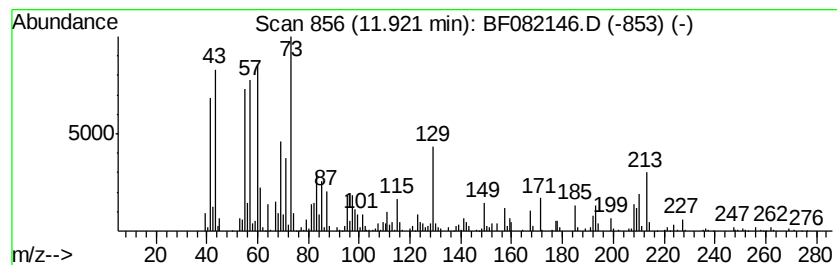
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tridecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	10.79 ng	509617	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	89
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082146.D
Acq On : 9 Oct 2015 15:36
Operator : UM/IZ
Sample : G3944-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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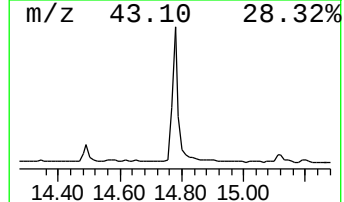
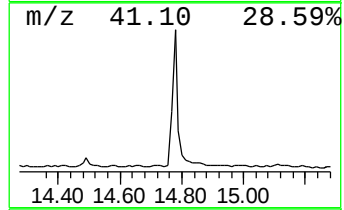
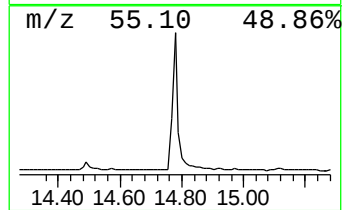
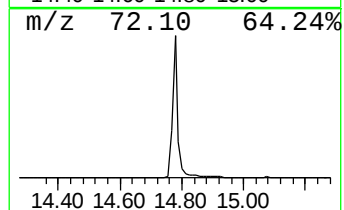
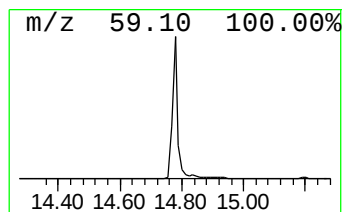
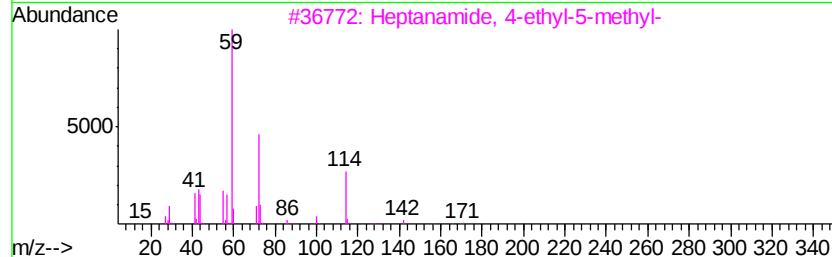
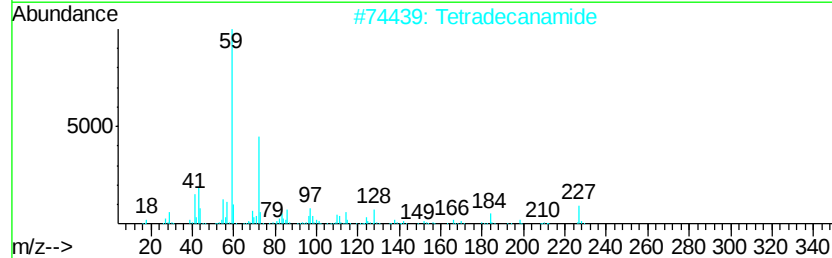
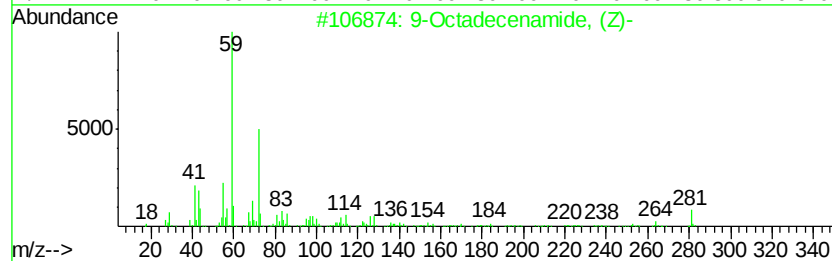
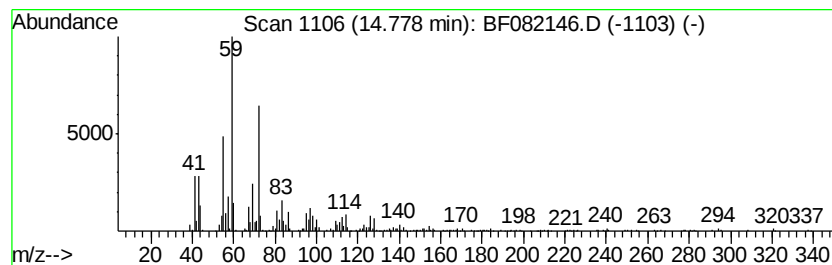
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	28.42 ng	1137310	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
2		Tetradecanamide	227	C14H29NO	000638-58-4	78
3		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	59
4		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	59
5		Decanamide-	171	C10H21NO	002319-29-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
 Data File : BF082146.D
 Acq On : 9 Oct 2015 15:36
 Operator : UM/IZ
 Sample : G3944-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5PT-COMPOSITE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.05	49.2	ng	1491920	1	6.85	606828	20.0
cis, cis-3-Ethylb...	8.42	12.4	ng	871014	2	8.14	1405620	20.0
Undecane, 6,6-dim...	8.56	20.5	ng	1443760	2	8.14	1405620	20.0
Dodecane, 2,7,10-...	9.17	11.4	ng	1345030	3	9.91	2354090	20.0
Decahydro-4,4,8,9...	9.29	12.1	ng	1426600	3	9.91	2354090	20.0
unknown9.77	9.77	18.2	ng	2145060	3	9.91	2354090	20.0
unknown9.82	9.82	24.3	ng	2860090	3	9.91	2354090	20.0
Naphthalene, 1,6,...	10.22	14.3	ng	1677870	3	9.91	2354090	20.0
unknown10.31	10.31	16.0	ng	1887710	3	9.91	2354090	20.0
Tridecane, 5-propyl-	10.82	67.3	ng	3176260	4	11.39	944569	20.0
9H-Fluorene, 9-me...	11.03	30.9	ng	1459960	4	11.39	944569	20.0
1,4,5,8-Tetrameth...	11.13	18.6	ng	880661	4	11.39	944569	20.0
Tridecane	11.28	23.9	ng	1126830	4	11.39	944569	20.0
9H-Fluorene, 2,3-...	11.50	14.0	ng	661504	4	11.39	944569	20.0
Tetradecane, 3-me...	11.62	10.4	ng	490787	4	11.39	944569	20.0
Tridecanoic acid	11.92	10.8	ng	509617	4	11.39	944569	20.0
9-Octadecenamide,...	14.78	28.4	ng	1137310	6	15.46	800367	20.0